

End Semester/Reappear (Semester V) Examination December, 2024

Programme: B. Sc. (Hons.) Agriculture

Course: Diseases of Field & Horticultural Crops & their Management-I

Course Code: 13A.314

Enrolment no. _____

Full Marks: 50

Time: 2 Hrs.

Q.N o.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	State the characteristic symptoms of Brown spot and Blast disease of Rice.	CO1	Remember	4 x 5 = 20
	or			
b	Describe the management strategy for Khaira and bacterial blight diseases of Rice.	CO1	Understand	
	or			
c	Enlist the etiology for Cercospora leaf spot and Anthracnose of Black gram and Green gram.	CO2	Remember	
	or			
d	Compare the symptoms of Black shank and Black root rot of Tobacco.	CO2	Understand	
	or			
e	Compare the symptoms of Panama wilt and Bacterial wilt of Banana.	CO3	Understand	
	or			
f	Discuss the management strategy of Bacterial blight of Pomegranate.	CO3	Understand	
	or			
g	Illustrate economic importance of Yellow Vein Mosaic of Okra.	CO4	Apply	
	or			
h	Apply your knowledge to elucidate, the favorable environmental condition for disease development of Blast of Finger millet.	CO4	Apply	
	or			
Section II				
Long Answer type questions.				
2	a. Judge the disease development of web blight and yellow mosaic of Black gram and Green gram on the basis of environmental conditions, pathogen life-cycle and growth stages of crop.	CO2	Evaluate	2 x 15 = 30
	b. Discuss the management strategy for Wilt of Pigeon pea.	CO2	Understand	
	or			
	a. Recommend the management strategies for Rhizoctonia blight, Bacterial spot and Mosaic of Soybean.	CO2	Evaluate	
3	b. State the characteristics symptoms of Tikka disease of Groundnut.	CO2	Understand	
	or			
	a. Judge the disease development of Downey mildew and Leaf spot of Maize on the basis of environmental conditions, pathogen life-cycle and growth stages of crop.	CO1	Evaluate	
	b. Enlist the etiology for leaf spot and Downey mildew of maize.	CO1	Remember	
4	or			
	a. Recommend the management strategies for Bacterial blight, Khaira, and Tungro disease of Rice.	CO1	Evaluate	
5	b. Discuss the management strategy for Stalk rot of Maize.	CO1	Understand	
	or			

Course Outcome:

At the end of the Course, the students will be able to-

CO1 Identify diseases of cereal crops in fields and recommend proper management practices for them.

CO2 Illustrate diseases of oilseed and pulse crops in fields and frame a viable management practice for them.

CO3 Identify diseases of horticultural crops and cruciferous vegetables and recommend proper management practices for them.

CO4 Understand favourable environmental condition for disease development and rainfall measures.

